

Notice of Allowability

Application No.

10/699,275

Examiner

Anh T.N. Vo

Applicant(s)

O'HARA ET AL.

Art Unit

2861

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amendment filed on 9/14/2005.
2. ☒ The allowed claim(s) is/are 1-28.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

REASONS FOR ALLOWANCE

The following is an Examiner's Statement of Reasons for Allowance:

Claims 1-11 and 25-27 are allowed because none of the prior art references of record teaches a print cartridge comprising a contact array having a first pair of columnar arrays of contact areas and a second pair of columnar arrays of contact areas disposed on the vertical wall, the columnar arrays extending along at least one half of a height of a region occupied by the contact array, the columnar arrays of each pair converging toward each other in a direction toward the lower portion and the cartridge body being configured for rotatable installation in a printer and the contact array being configured to progressively-upwardly contact the printer during installation of the cartridge body in the combination as claimed.

Claims 12-18 are allowed because none of the prior art references of record teaches a print cartridge comprising a contact array disposed on the vertical wall and including a plurality of columns of contact areas, and wherein the columns are arranged in pairs with each pair column in each of the pair converging toward the other column in the pair in a direction toward the lower portion and wherein less than one-half of the contact areas are positioned in a lower half of a region occupied by the contact array in the combination as claimed.

Claims 19-24 are allowed because none of the prior art references of record teaches a print cartridge comprising a contact array that including a first pair of converging columnar arrays of contact areas, a second pair of converging columnar arrays of contact areas, and wherein the each columnar array of each pair of the columnar arrays converges toward the other columnar arrays of the pair of columnar arrays in a direction away from a row of contact areas and extend along at least one half of a region occupied by the contact array in the combination as claimed.

Claim 28 is allowed because none of the prior art references of record teaches a print cartridge comprising a contact array having a plurality of columns of contact areas that are disposed on the vertical wall, the contact array being configured to progressively-upwardly contact a printer

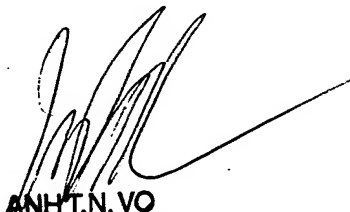
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during rotatable installation of the cartridge body where the configuration of the contact array reduces frictional forces during the rotatable installation in the combination as claimed.

CONCLUSION

Any comments considered necessarily by applicant must be submitted no later than the payment of the Issue Fee and, to avoid processing delays, should preferably accompany the Issue Fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Examiner Anh Vo whose telephone number is (571) 272-2262. The examiner can normally be reached on Tuesday to Friday from 9:30 A.M. to 7:30 P.M.. The fax number of this Group 2800 is (571) 273-8300.


ANH T. N. VO
PRIMARY EXAMINER
September 23, 2005